



## Rufous™ Specifications

Feature	Benefit
Multi-fuel twin engines	Ease of fuelling including environmental fuels. System can be safely recovered on one engine.
Aerodynamic control surfaces	Excellent gust response and stability.
Compact storage	Small logistics footprint.
Light-weight	Ease of portability, transportation and deployment.
High integrity control software	Safe to fly with minimal residual risk.
Interchangeable payloads	Specialist customisation and standard sensor fit.
GPS-based navigation	Precision deployment and autonomous flight.
Modular construction	Rapid deployment, role change and component fit.
Axis-symmetrical design	Sensor agility on operational task.
Turn-key assembly	Easy, low-cost through-life maintenance.
Field proven concept	Multiple arena and theatre applications.
Low susceptibility to EMS interference	Suitable for operations in hostile EMC environment.
Poor weather/night capable	Ability to conduct 24hr operations in a wide range of adverse weather conditions.

## Technical Specifications

Dimensions		Weights	
Rotor diameter	1.60m	Weight empty	28Kg
Rotor blade chord	60mm	Max fuel	6Kg
Body diameter	0.65m	Sensor payload	6Kg
Height to top of spinner	0.98m	Max take-off and landing weight	40Kg
Performance (at max T/O weight)			
Max level speed		70kts (130km/h, 80 mph)	
Economical cruising speed		60kts (110km/h, 69 mph)	
Climb at optimum speed of 45kts		1200ft/min (336m/min)	
Operating ceiling		8000ft (2500m)	
Typical mission radius		17nm (32km, 20 miles)	
Endurance (mixed mission)		2 hrs	

Please note that all figures are indicative. Performance figures can be markedly altered by changes in operating altitude, temperature or air vehicle weight.

## Contact Us

To discuss your particular requirements and what we can do to help, please contact us at:

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